

FIG. 1

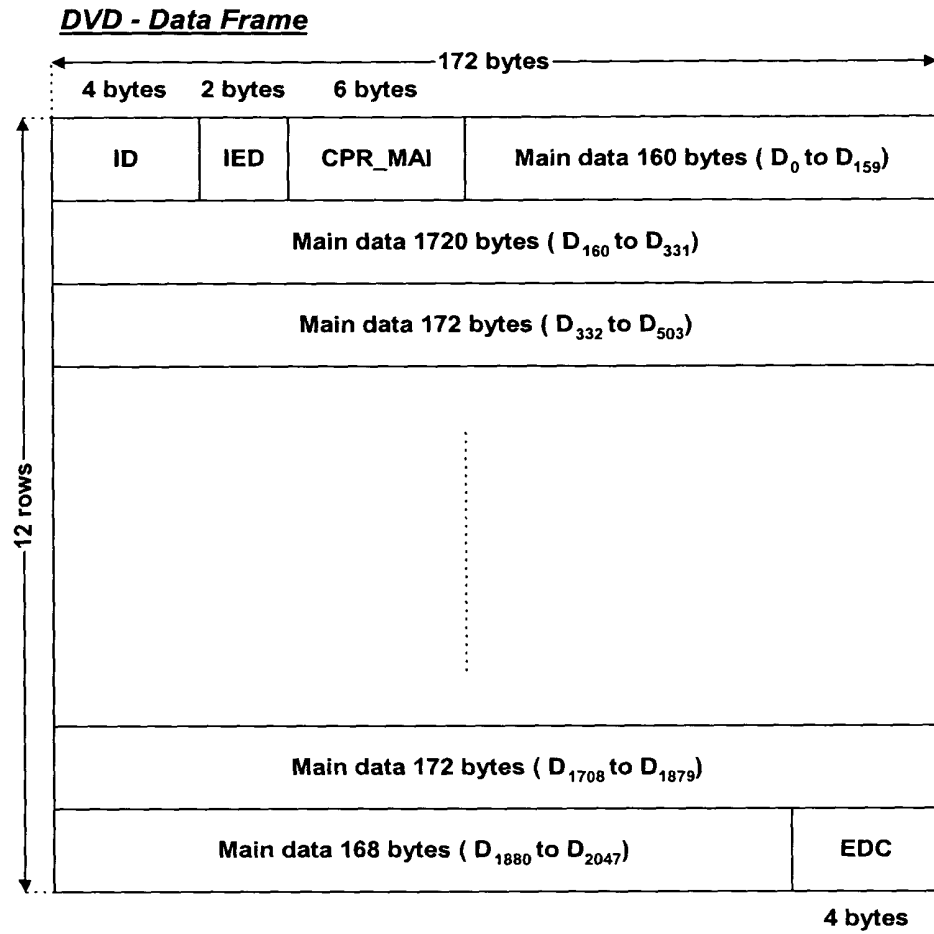


FIG. 2

DVD - Data Frame

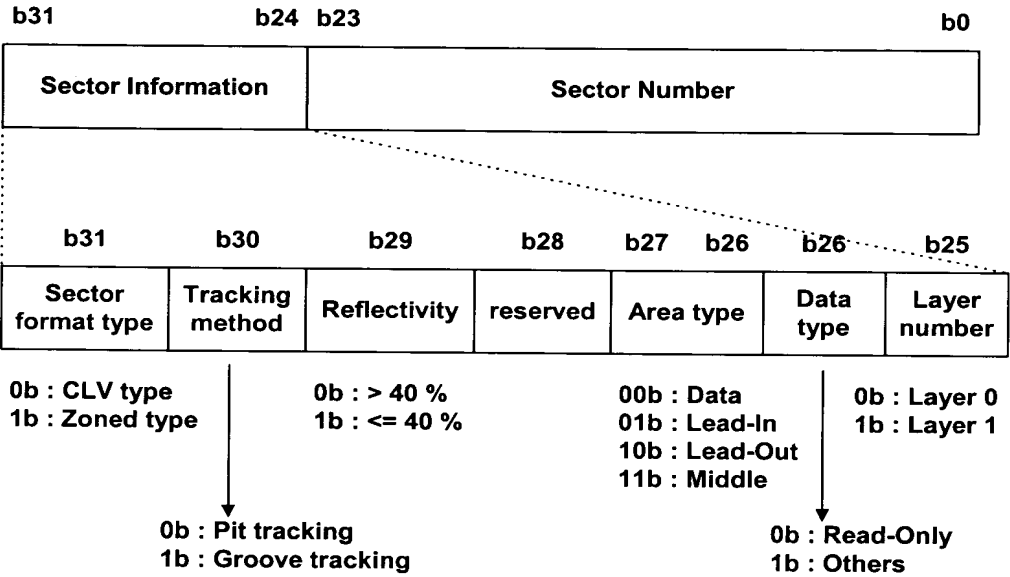


FIG. 3

Blu-ray Disc

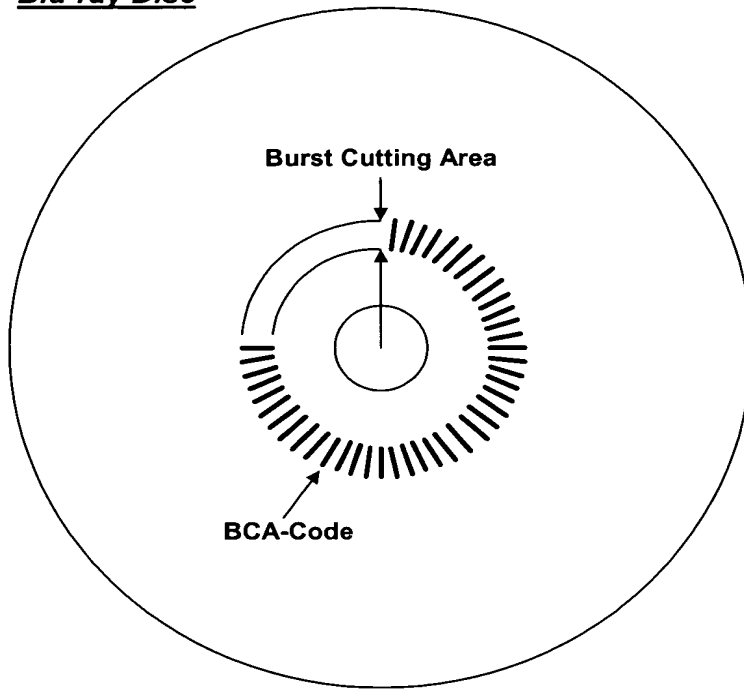


FIG. 4

Data structure of BCA-code

← 1Bytes →		4Bytes			
SB _{3,3}		BCA pre-amble (all 00h)			
SB _{0,0} SB _{0,0} SB _{0,0} SB _{0,0}	I _{0,0} I _{4,0} I _{8,0} I _{12,0}	I _{1,0}	I _{2,0}	I _{3,0}	4 rows data 1 data unit
		I _{5,0}	I _{6,0}	I _{7,0}	
		I _{9,0}	I _{10,0}	I _{11,0}	
		I _{13,0}	I _{14,0}	I _{15,0}	
SB _{0,1} SB _{0,1} SB _{0,1} SB _{0,1}	C _{0,0} C _{4,0} C _{8,0} C _{12,0}	C _{1,0}	C _{2,0}	C _{3,0}	4 rows parity
		C _{5,0}	C _{6,0}	C _{7,0}	
		C _{9,0}	C _{10,0}	C _{11,0}	
		C _{13,0}	C _{14,0}	C _{15,0}	
SB _{0,2} SB _{0,2} SB _{0,2} SB _{0,2}	I _{0,1} I _{4,1} I _{8,1} I _{12,1}	I _{1,1}	I _{2,1}	I _{3,1}	4 rows data 1 data unit
		I _{5,1}	I _{6,1}	I _{7,1}	
		I _{9,1}	I _{10,1}	I _{11,1}	
		I _{13,1}	I _{14,1}	I _{15,1}	
SB _{0,3} SB _{0,3} SB _{0,3} SB _{0,3}	C _{0,1} C _{4,1} C _{8,1} C _{12,1}	C _{1,1}	C _{2,1}	C _{3,1}	4 rows parity
		C _{5,1}	C _{6,1}	C _{7,1}	
		C _{9,1}	C _{10,1}	C _{11,1}	
		C _{13,1}	C _{14,1}	C _{15,1}	
SB _{0,4} SB _{0,4} SB _{0,4} SB _{0,4}	I _{0,2} I _{4,2} I _{8,2} I _{12,2}	I _{1,2}	I _{2,2}	I _{3,2}	4 rows data 1 data unit
		I _{5,2}	I _{6,2}	I _{7,2}	
		I _{9,2}	I _{10,2}	I _{11,2}	
		I _{13,2}	I _{14,2}	I _{15,2}	
SB _{0,5} SB _{0,5} SB _{0,5} SB _{0,5}	C _{0,2} C _{4,2} C _{8,2} C _{12,2}	C _{1,2}	C _{2,2}	C _{3,2}	4 rows parity
		C _{5,2}	C _{6,2}	C _{7,2}	
		C _{9,2}	C _{10,2}	C _{11,2}	
		C _{13,2}	C _{14,2}	C _{15,2}	
SB _{0,6} SB _{0,6} SB _{0,6} SB _{0,6}	I _{0,3} I _{4,3} I _{8,3} I _{12,3}	I _{1,3}	I _{2,3}	I _{3,3}	4 rows data 1 data unit
		I _{5,3}	I _{6,3}	I _{7,3}	
		I _{9,3}	I _{10,3}	I _{11,3}	
		I _{13,3}	I _{14,3}	I _{15,3}	
SB _{0,7} SB _{0,7} SB _{0,7} SB _{0,7}	C _{0,3} C _{4,3} C _{8,3} C _{12,3}	C _{1,3}	C _{2,3}	C _{3,3}	4 rows parity
		C _{5,3}	C _{6,3}	C _{7,3}	
		C _{9,3}	C _{10,3}	C _{11,3}	
		C _{13,3}	C _{14,3}	C _{15,3}	

FIG. 5

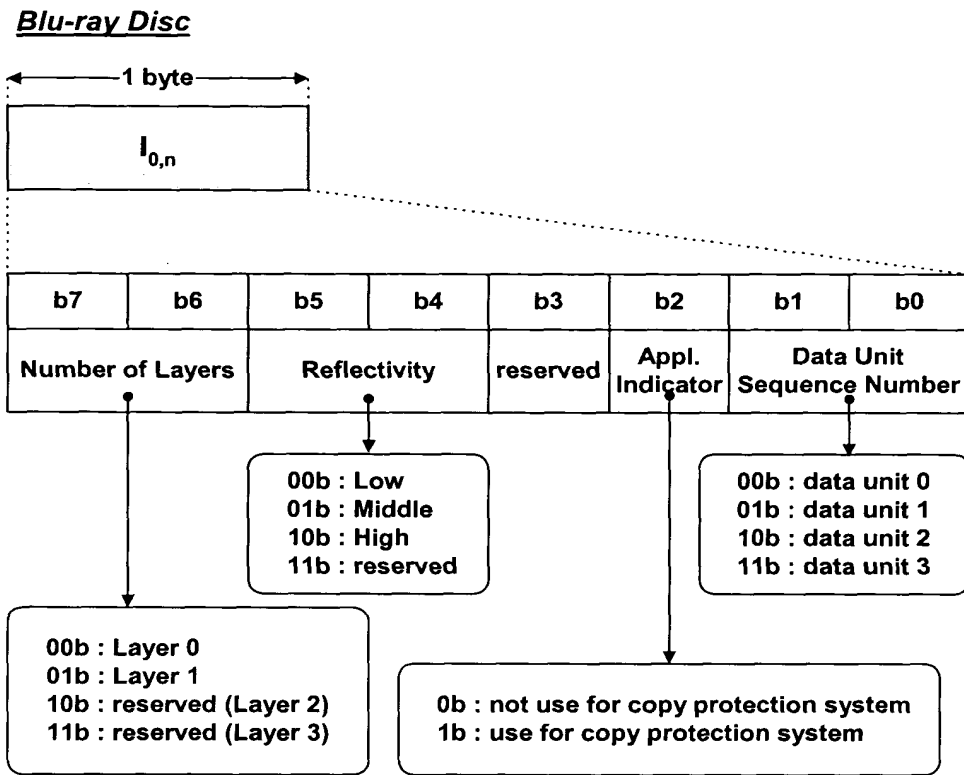


FIG. 6

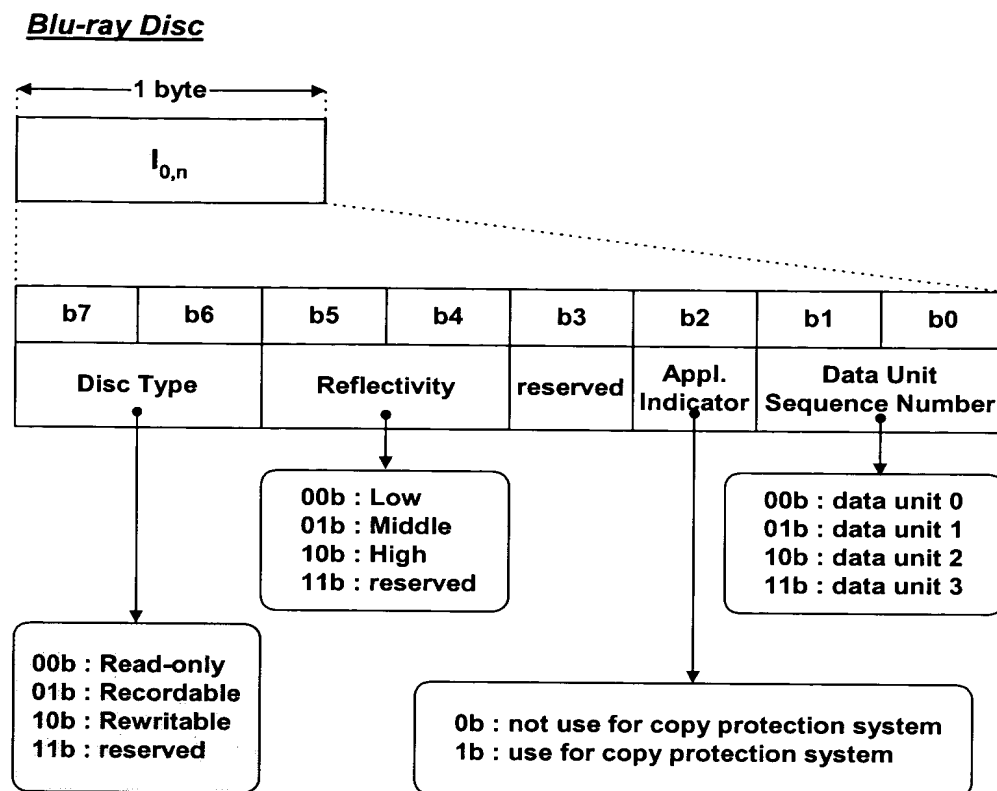


FIG. 7

BD - Address Unit

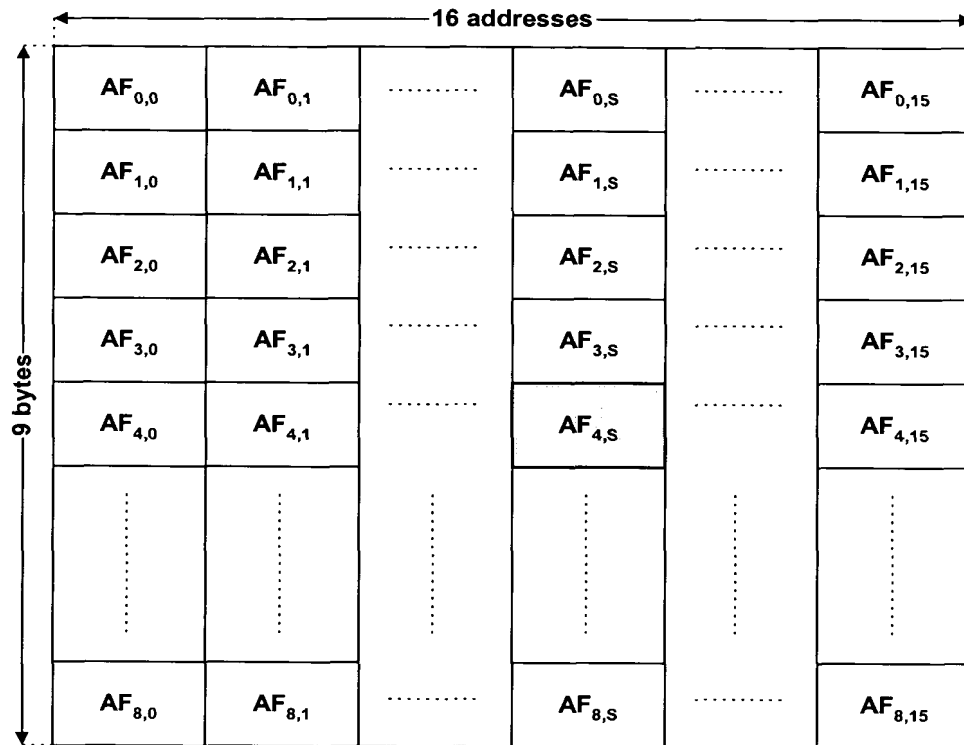


FIG. 8

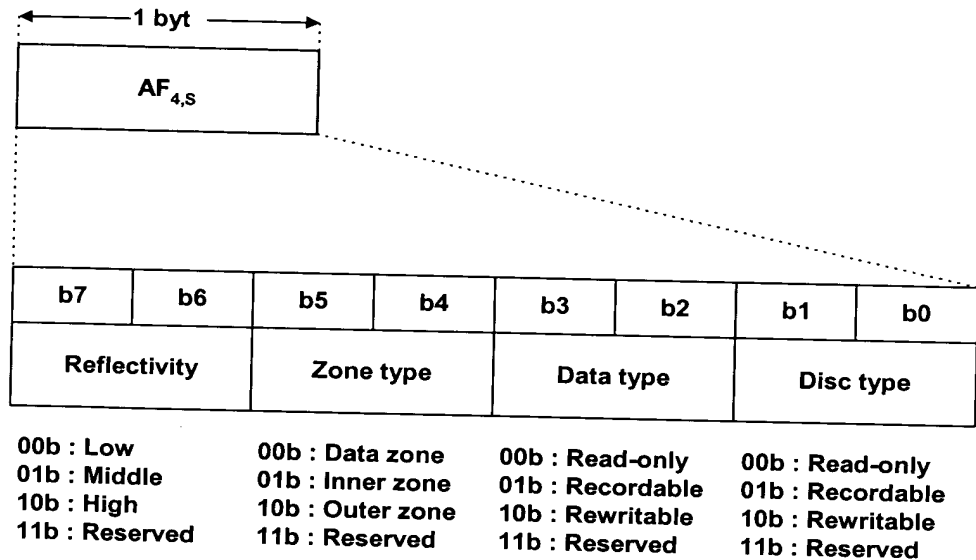


FIG. 9

Physical ADIP Addr ss

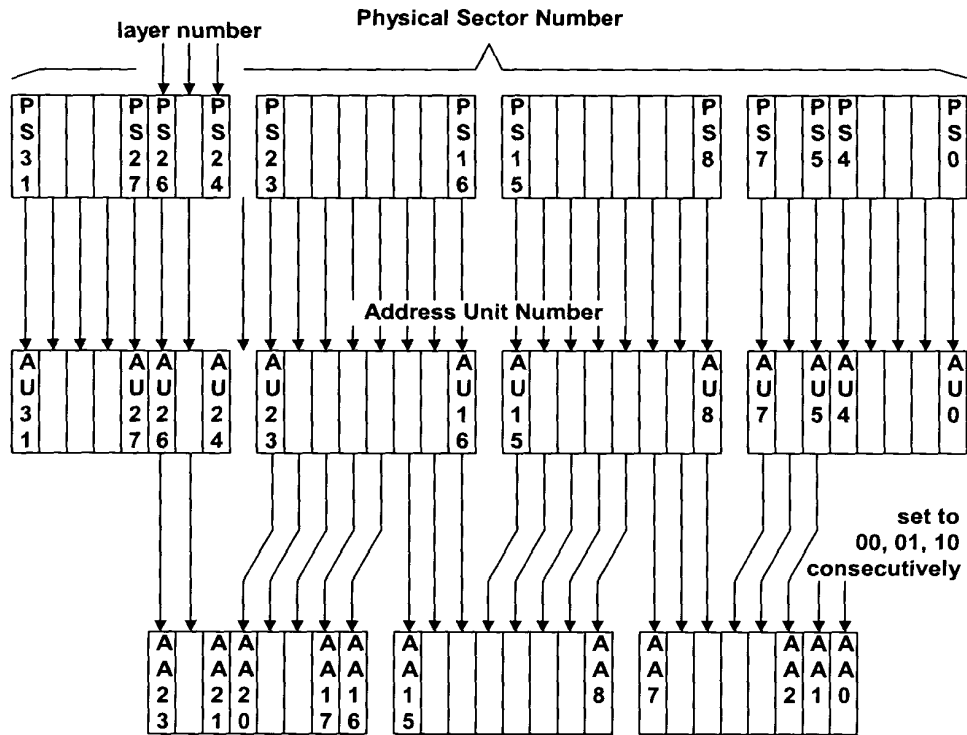


FIG. 10

